

FIGURE 1A

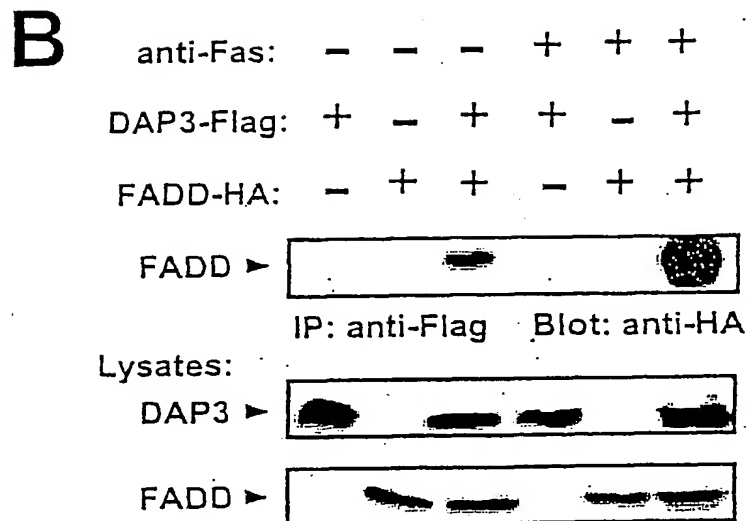


FIGURE 1B

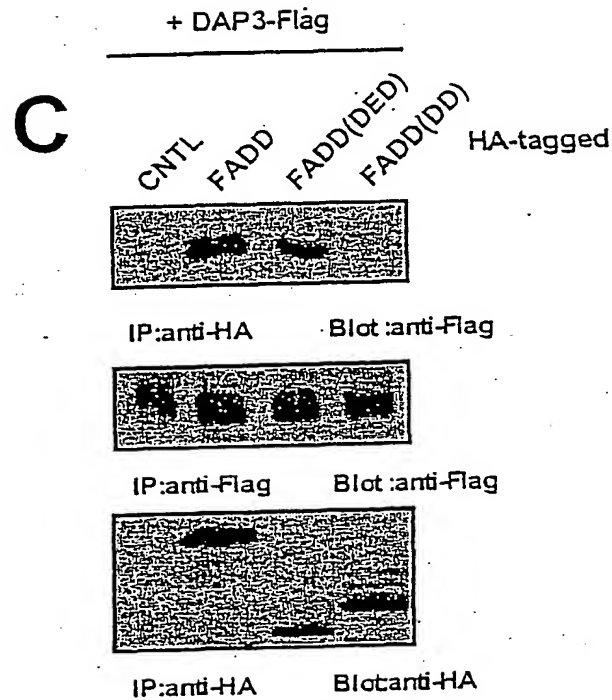


FIGURE 1C

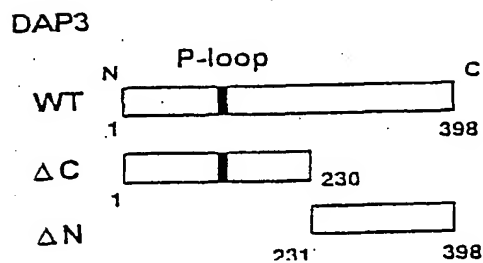
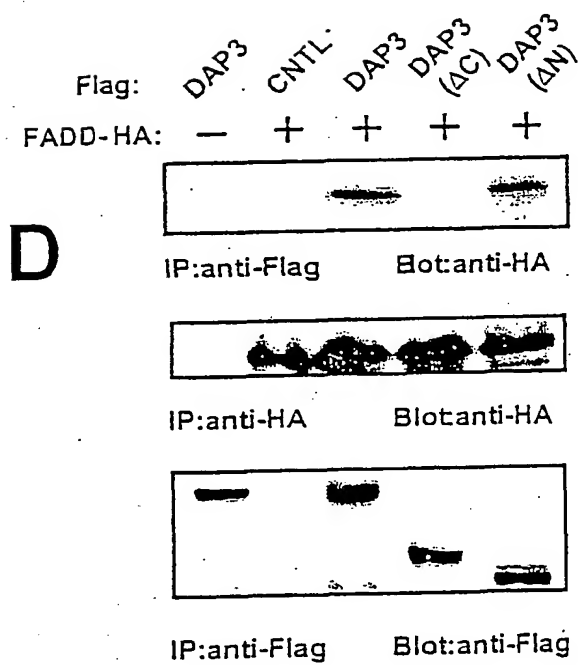


FIGURE 1D

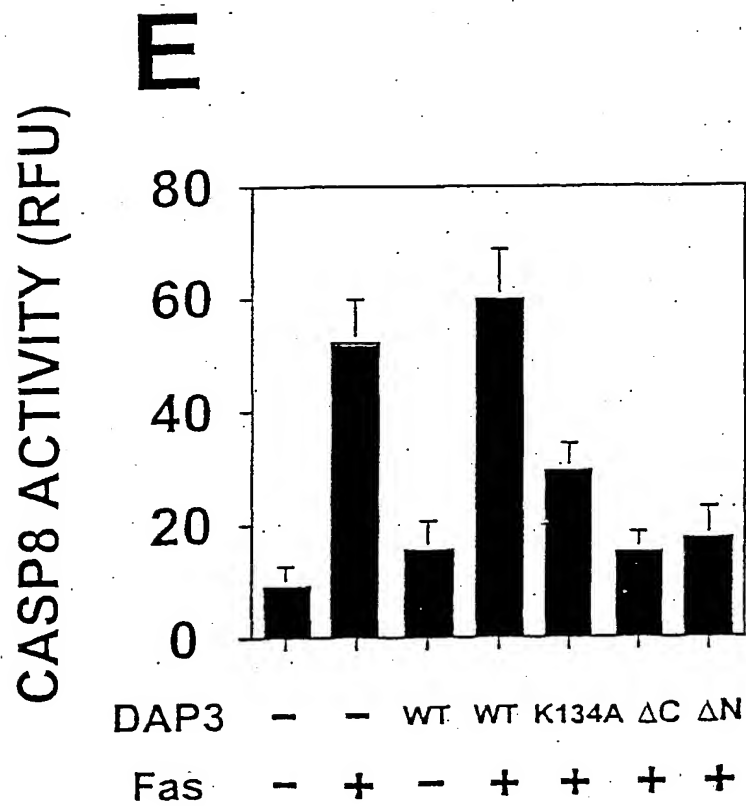


FIGURE 1E

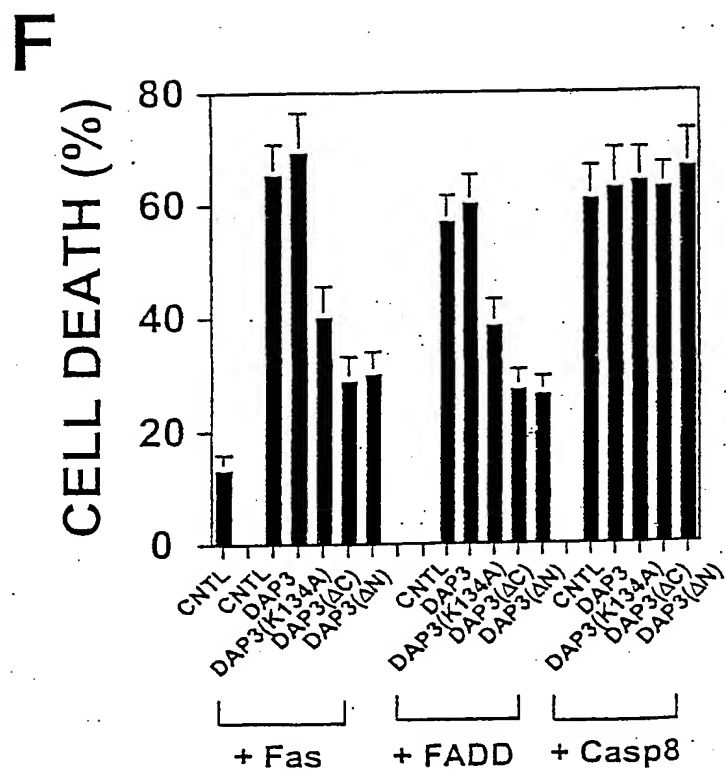


FIGURE 1F

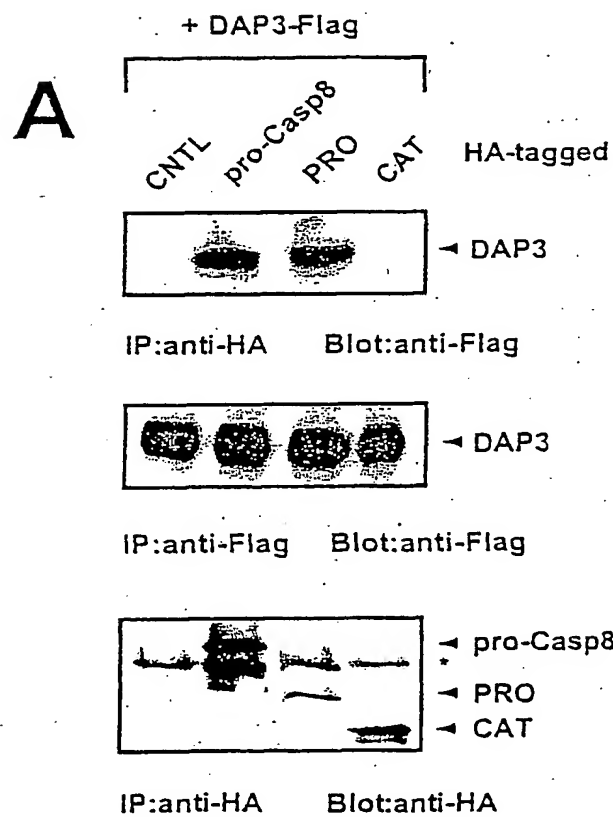


FIGURE 2A

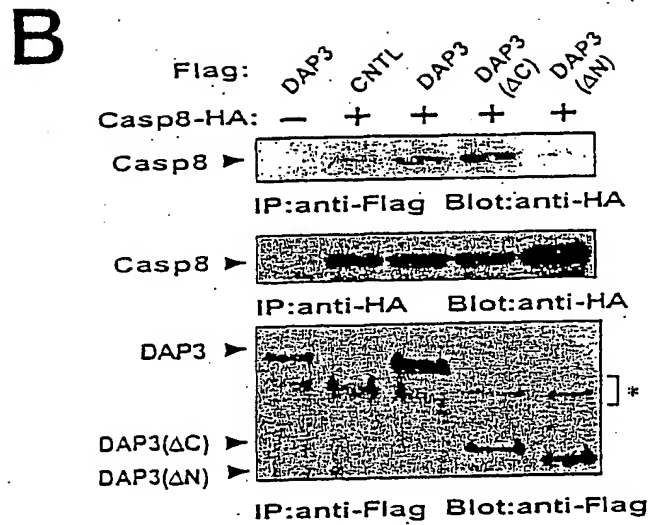


FIGURE 2B

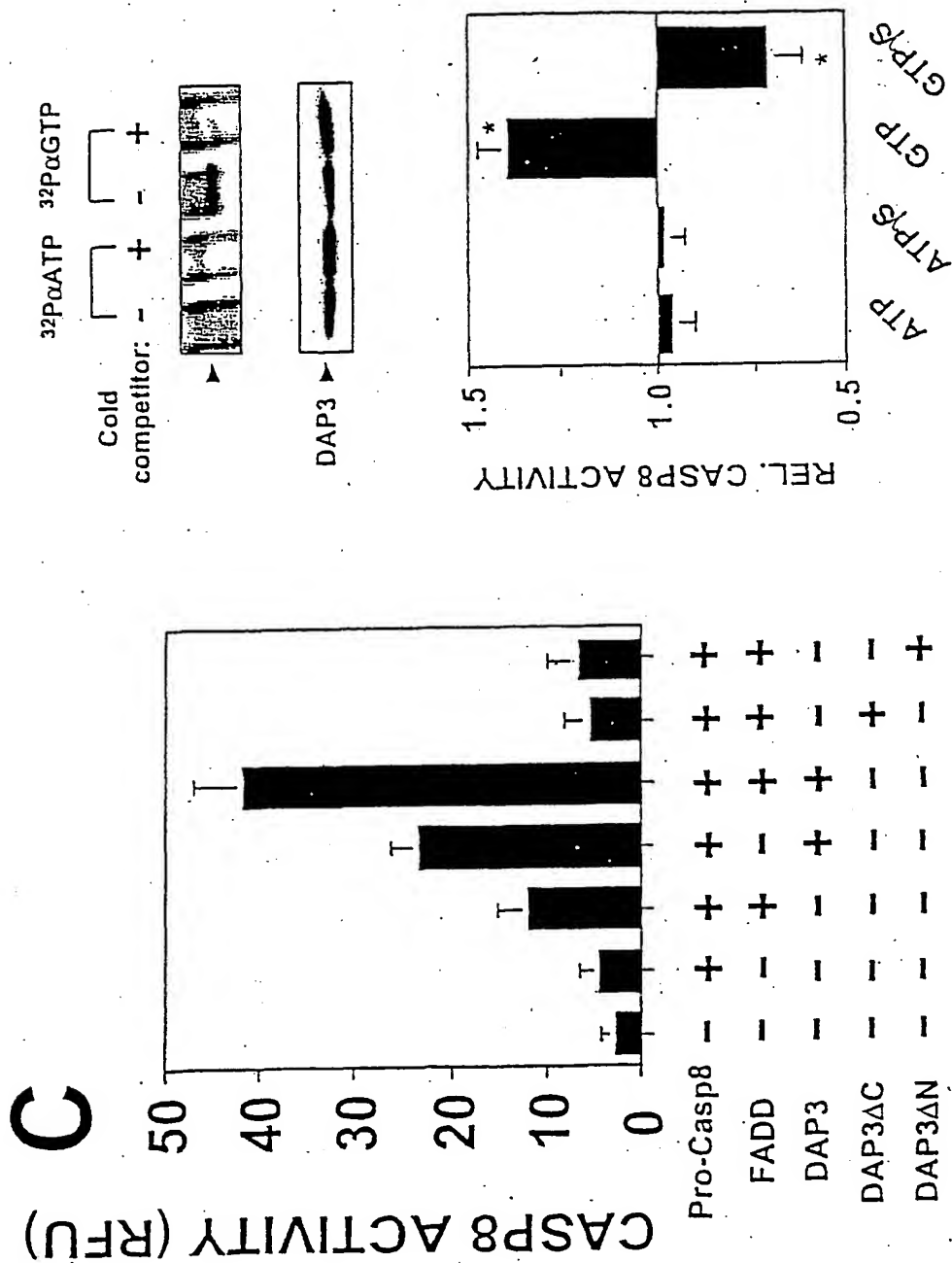


FIGURE 2C

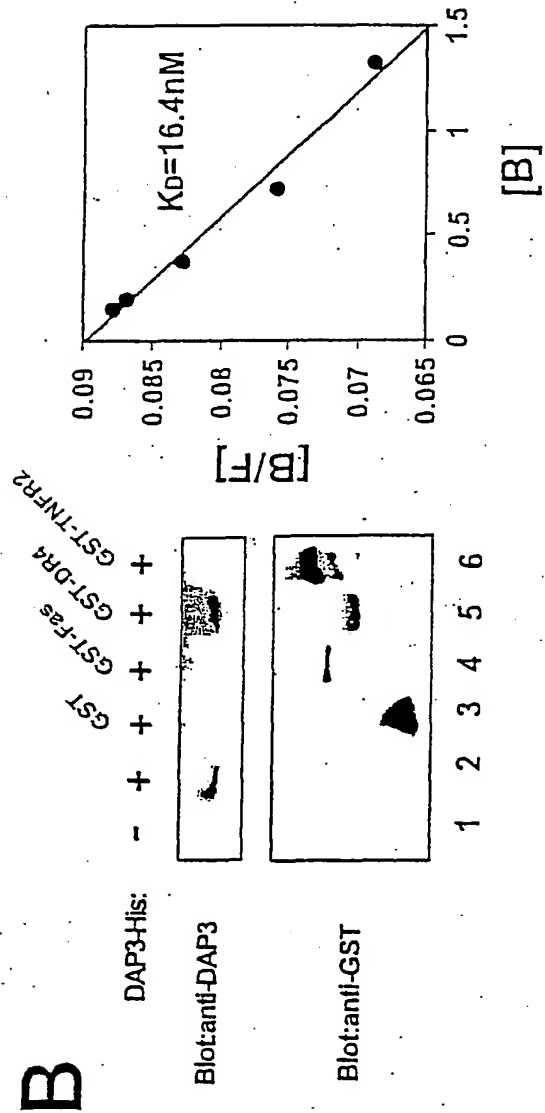


FIGURE 3B

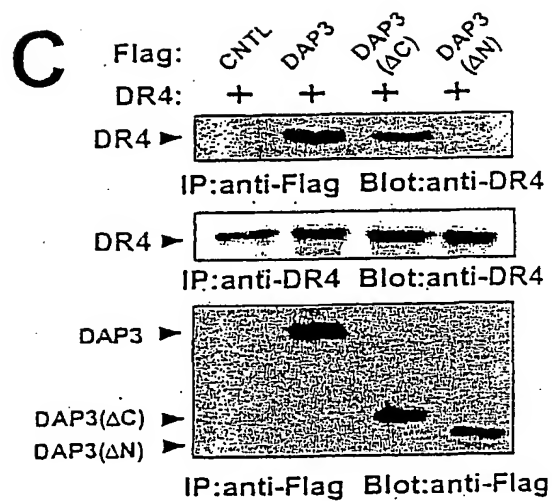


FIGURE 3C

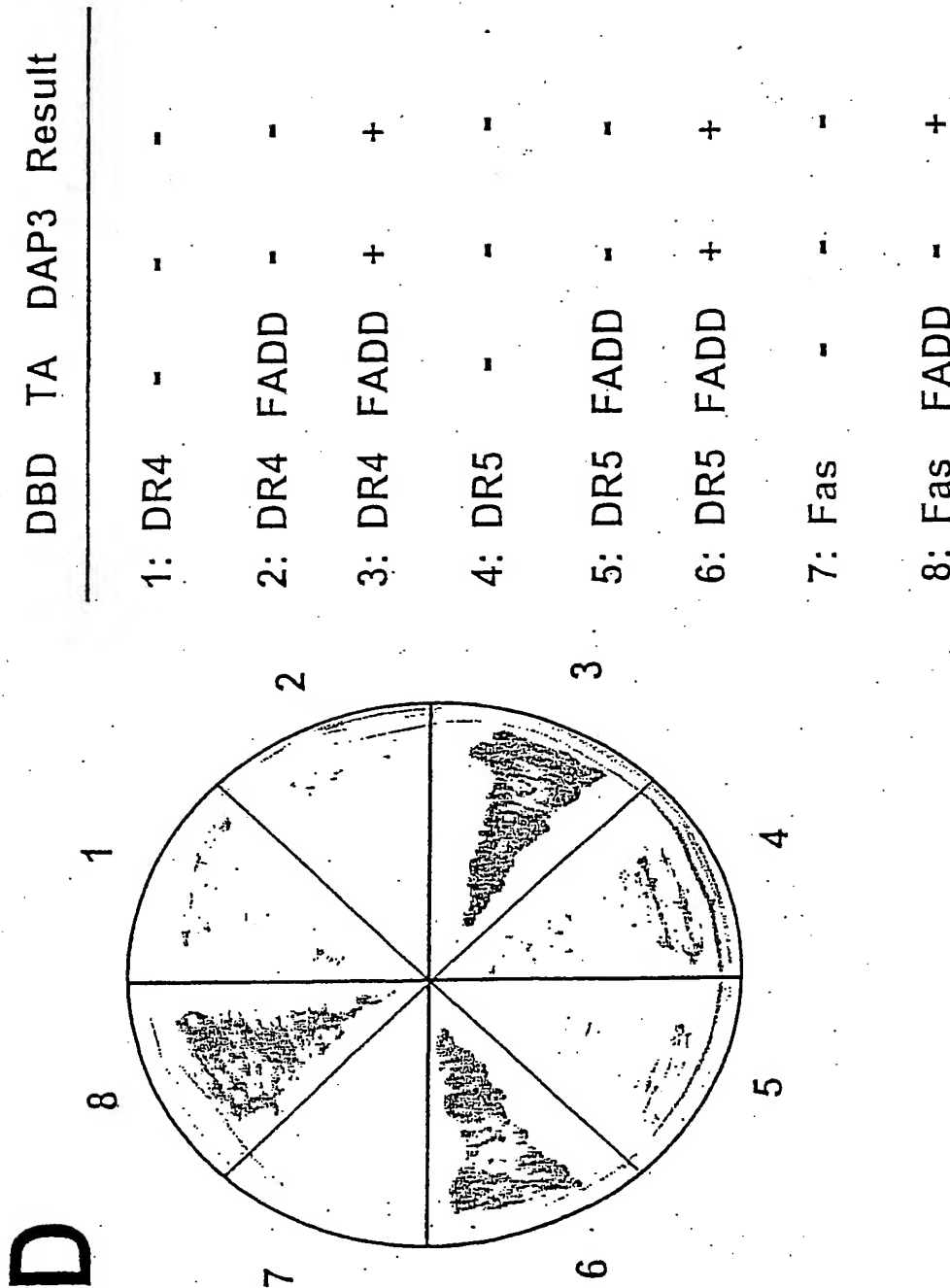


FIGURE 3D

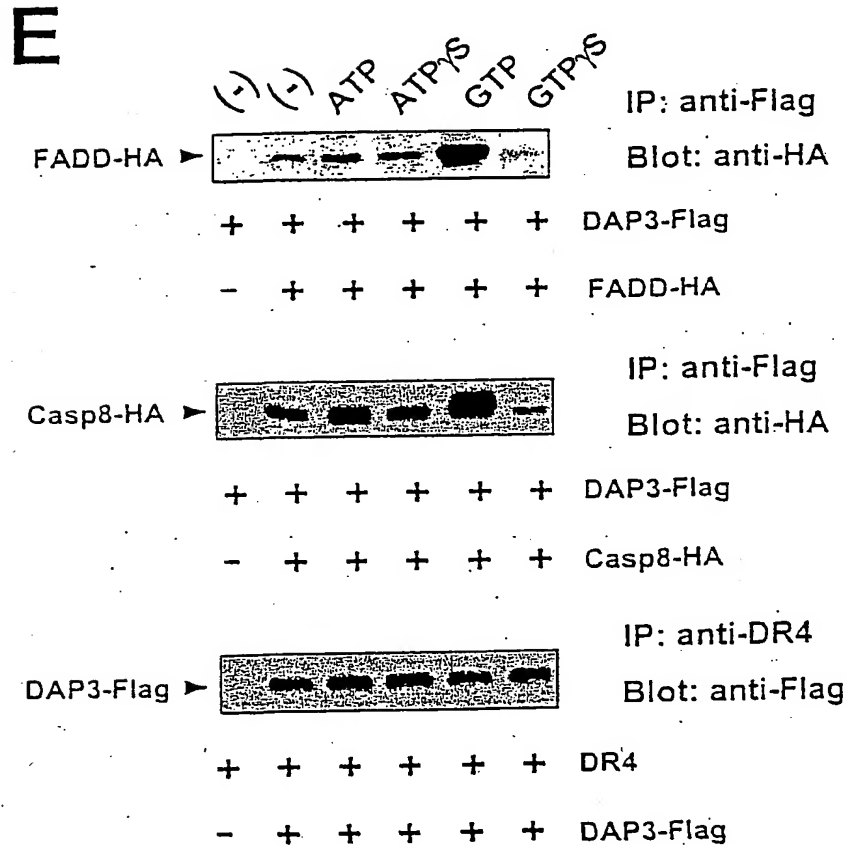


FIGURE 3E

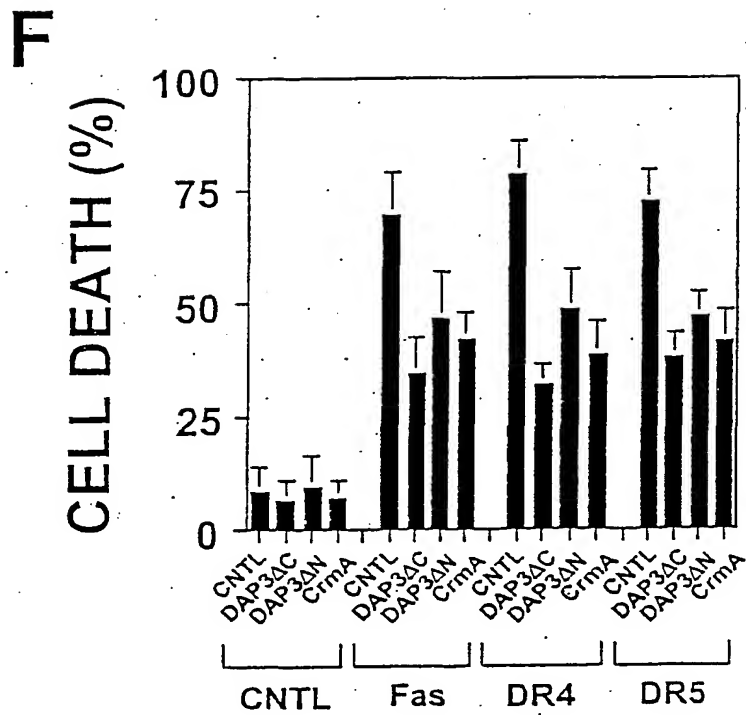


FIGURE 3F

G

DAP3
agtcctcga ctcacgtgca aggatgatgc tgaaaggaata

ant sense 1

ant sense 2

ant sense 3

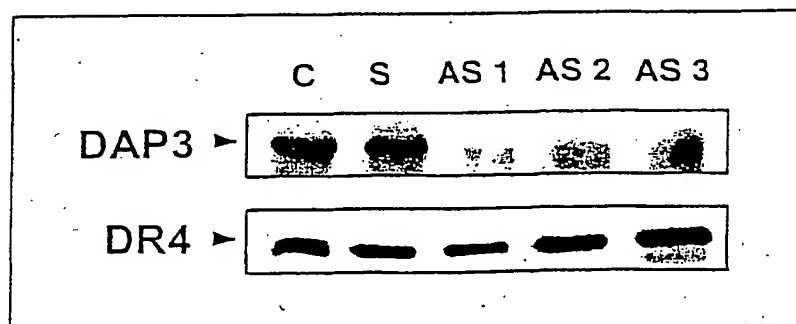
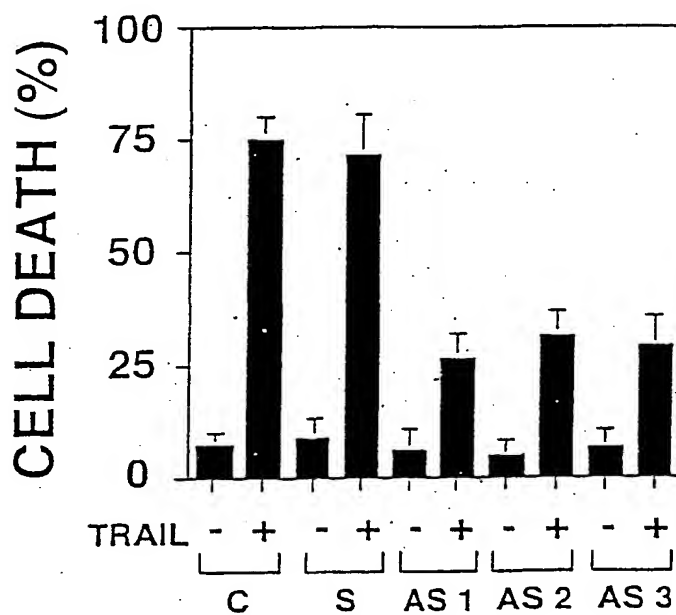


FIGURE 3G

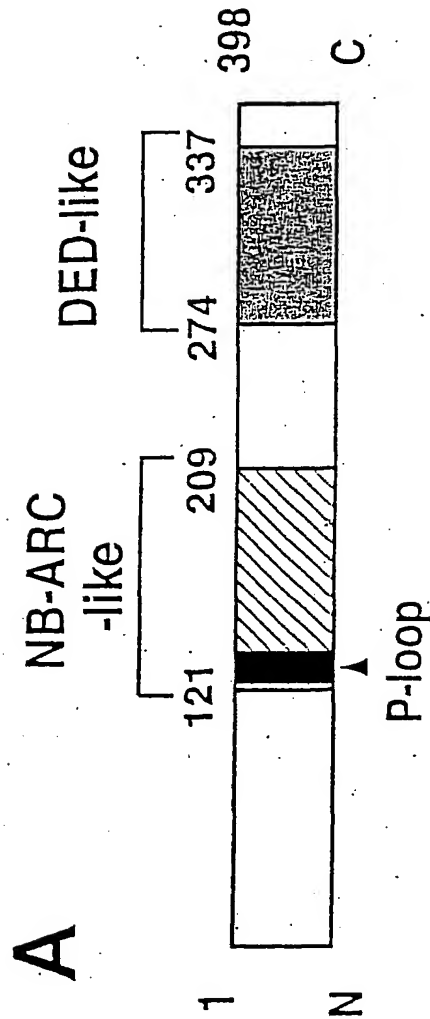
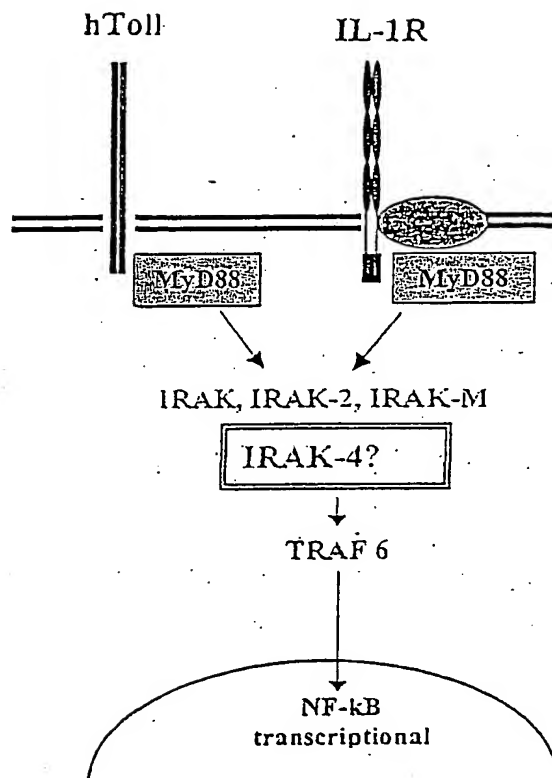


FIGURE 4A

[illegible]

**FIGURE 5**

Inventors: Reed et al.

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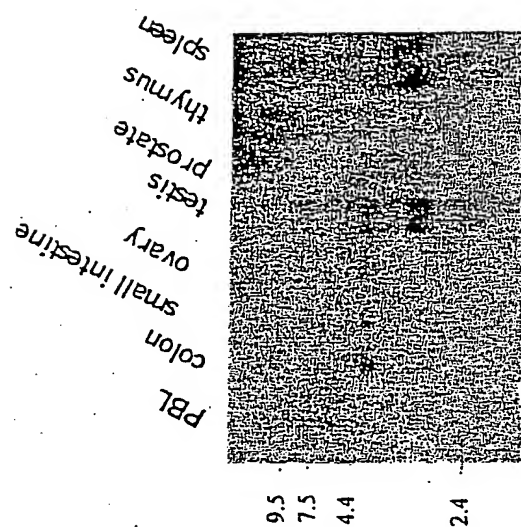


FIGURE 6

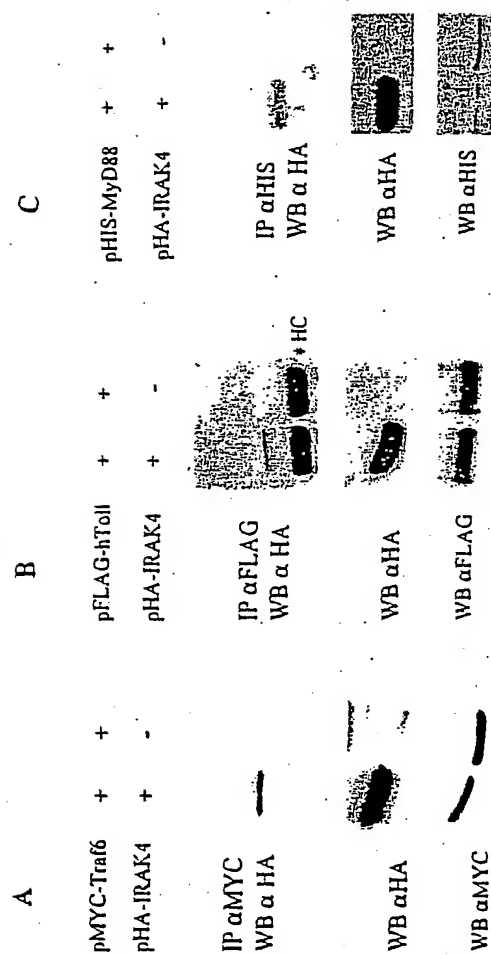


FIGURE 7

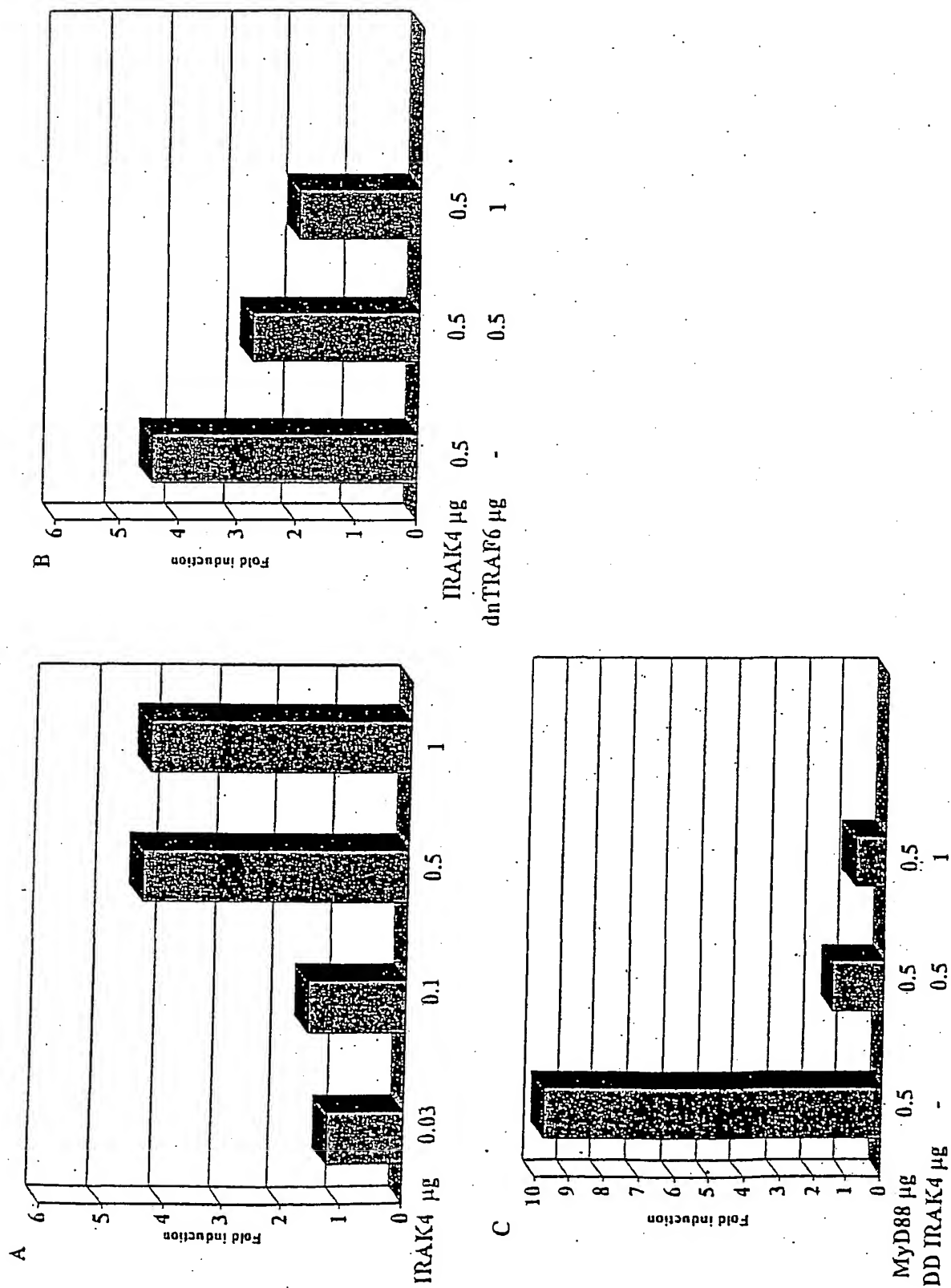


FIGURE 8

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DED_4
4758144_hDEDD
6755835_mDEDD
7673638_fDedd1
PDB_FADD_1A1Z

NEEDCTDYGM SHH NEEVGGQTECDEHAAHDEA-----PG
PPEHGEQEHGSHH NEDVAGTHITH DVVVSSTFVSWH-----
PPEHGEQEHGSHH NEDVAGTHITH DVVVSSTFVSWH-----
NEETECTSSEETSHHEDRENGSOITETCGGEAAHDETHPGHPVPEGTEDMPPG
MPPVPEHHSVSSSSSSSEETELTECHG-----CG

DED_4
4758144_hDEDD
6755835_mDEDD
7673638_fDedd1
PDB_FADD_1A1Z

AAGG-----EA---A SCHEELEE GQCDSNE
HEHG-----ETNGEETAEQG CDESNE
HEHG-----ETNGEETAEQG CDESNE
PEGSPQANTPCPESNO MQPQEGCSIASHP SCHEELEE GQESANE
-----E-----VQSCDEETSMTHONDESPCHTE

DED_4
4758144_hDEDD
6755835_mDEDD
7673638_fDedd1
PDB_FADD_1A1Z

GOGLVIAHDSPHIA---PSP
QHEPPTT HDSPTVIAA CP
QHEPPTT HDSPTVIAA CP
QHEPPTT HDSPTVIAA CP
QHEPPTT HDSPTVIAA CP
RELEASEHDSPTVIAA CP

FIGURE 9

a tgaacaaacc cataacacca tcaacatatg tgcgctgcct caatgttggga ctaattagga agctgtcaga
ttttattgat cctcaagaag gatggaagaa gttagctgta gctattaaaa aaccatctgg
tgatgataga tacaatcagt ttcacataag gagatttgaa gcattacttc aaactggaaa
aagtcccact tctgaattac tgtttgactg gggcaccaca aattgcacag ttggtgatct
tgttggatctt ttgatccaaa atgaattttt tgctcctgcg agtcttttgc tcccagatgc
tgttcccaaa actgctaata cactaccttc taaagaagct ataacagttc agcaaaaaaca
gatgcctttc tgtgacaaaag acaggacatt gatgacacct gtgcagaatc ttgaacaaaag
ctatatgccca cctgactcct caagtccaga aaataaaaagt ttagaagcta gtgatacacg
ttttcacagt ttttcatttt atgaattgaa gaatgtcaca aataactttg atgaacgacc
catttctgtt ggttggaata aaatgggaga gggaggattt ggagttgtat ataaaggcta
cgtaaaataac acaactgtgg cagtgaagaa gcttgcagca atgggttgaca ttactactga
agaactgaaa cagcagtttg atcaagaaat aaaagtaatg gcaaagtgtc aacatgaaaa
cttagtagaa ctacttggtt tctcaagtga tggagatgac ctctgcttag tatatgttta
catgcctaata ggttcattgc tagacagact ctcttgcttg gatggtactc caccactttc
ttggcacatg agatgcaaga ttgctcaggg tgcagctaatt ggcataaatt ttctacatga
aaatcatcat attcatagag atattaaaag tgcaaatatc ttactggatg aagcttttac
tgctaaaata tctgactttg gccttgcacg ggcttctgag aagtttgccc agacagtcac
gactagcaga attgtgggaa caacagctta tatggcacca gaagctttgc gtggagaaat
aacacccaaa tctgatattt acagcttttg tgtggtttta ctagaaataa taactggact
tccagctgtg gatgaacacc gtgaacctca gttattgcta gatattaaag aagaaattga
agatgaagaa aagacaattg aagattatat tgataaaaag atgaatgatg ctgattccac
ttcagttgaa gctatgtact ctgttgctag tcaatgtctg catgaaaaga aaaaataagag
accagacatt aagaaggttc aacagctgct gcaagagatg acagcttctt aa

FIGURE 10A

MNKPITPSTYVRCLNVGLIRKLSDFIDPQEGWKKLAVAIKKPSG
DDRYNQFHIRRFEALLQTGKSPTSELLFDWGTTNCTVGDLDLLIQNEFFAPASLLLP
DAVPKTANTLPSKEAITVQQKQMPFCDKORTLMTPVQNLEQSYMPDSSSPENKSLEV
SDTRFHSFSFYELKNVTNNFDERPISVGGNKMGEFGGVYKGYVNNTTTAVKKLAAM
VDITTEELKQQFDQEIKVMAKQCQHENLVELLGFS SDGDLCLVYVYMPNGSLLDRLSC
LDGTPPLSWHMRCKIAQGAANGINFLHENHHIHRDIKSANILLDEAFTAKISDFGLAR
ASEKFAQTVMTSRIVGTTAYMAPEALRGEITPKSDIYSFGVVLEIITGLPAVDEHRE
PQLLLDIKEEIEDEEKTIEDYIDKKMNDADSTSVEAMYSVASQCLHEKKNKRPDIKKV
QQLLQEMTAS

FIGURE 10B

Death domains:

C. pneumoniae

DLWRQFALSLGVSEEEELANHEFSQAAQDMVATFRRLCDMPQLAVGLGALYTYEIQIPQVCVEKIR

C. muridarum

DLWKQFVFALGVSSEEELEAHEPSEAAKAKVATFMRWCTGDSLAAGVAALYSYESQIPCVAKEKIR

C. psittaci

DLWKNFAYALGVTEEELENHVPASAAQKKVDTFLRWCTGDSLSAGVAALYTYESQIPTVAETKIS

FIGURE 11A

GI:7190927

ORGANISM Chlamydia muridarum

ORIGIN

1 mesrkgikev smnflldqlda iiqnkhmleh pfymkwske ltkeqlqaya
kdyylhikaf
61 pkylsaihsr cddlearkll ldnlmdeeng ypnhidlwq fvfaigvsse
eleahepsea
121 akakvatfmr wctgdslaag vaalysyesq ipcwakekir glieyfgfsn
pedyayfteh
181 eeadvrhare ekaliemlsr ddsdkvleas revtqslygf ldsflepatc
chchka

GI:7468151

ORGANISM Chlamydophila pneumoniae [Chlamydia pneumoniae]

ORIGIN

1 mtswiellldk qiedqhmlkh efyqrwsegk lekqqlqaya kdyylhikaf
pcylsalhar
61 cddlqirrqi lenlmdeeag npnhidlwqr falslgvsee elanhefsqa
aqdmvatfrr
121 lcdmpqlavg lgalytyeiq ipqvcvekir glkeyfgvsa rgyayftvhq
eadikhasee
181 kemlqtlvgr enpdavlggs qevldtlwnf lssfinstep csck

FIGURE 11B

6405 ttaagc tttgtgacaa
6421 tgacaacatg ttgcaggctc taaaaaatgaa tccaaaaagc cgtataaaga ttgtgtaact
6481 tctcgcgaag ctctctaaaac tttgtcgccta tcatctcttag acaacatctc aattaaggcc
6541 ttttcttccc tagcatgacg cacatcagct tcttcatgct ccgtgaaata agcataatct
6601 tcaggattag aaaagccaaa gtaactcaatc aatccacgaa ttttttcttt agctacgcaa
6661 ggaatttgac tttcataaga atacaaagcc gctactcctg ctgctaaaga atccccctgtg
6721 caccaccgca taaatgtcgc aaccttagct ttagctgctt cactgggttc atgagcttct
6781 agctcttctg aagacactcc aagagcaaac acaaattggt tccataaatc aatatgatta
6841 ggataaccat tctcttcatc cattaagtta tctaataata acttgcgggc ttctaaatca
6901 tcacaacggc tatgaatagc agataaatat tttggaaaag ctttgatatg caaatagtaa
6961 tcttttgcgt atgcctgtaa ttgttctttt gtcagctctc cttttgacca cttcatgtaa
7021 aaaggggtgt ctaacatag tttgttttga ataattgcat ctagctgac taaaaaatc
7081 atgctcacct cttttattcc ttttcttgat tccac 7115

FIGURE 11C

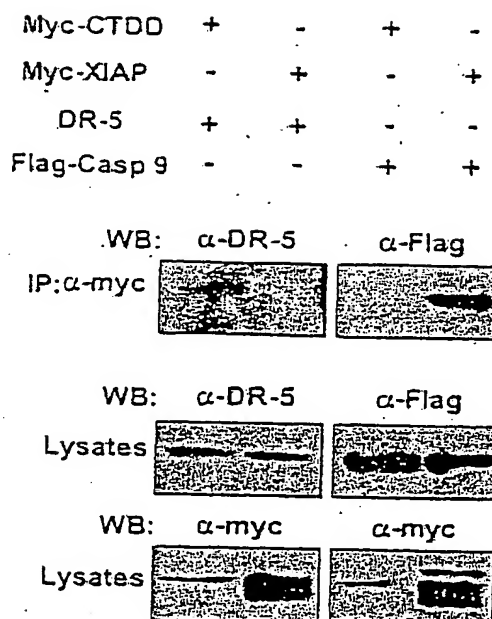


FIGURE 12

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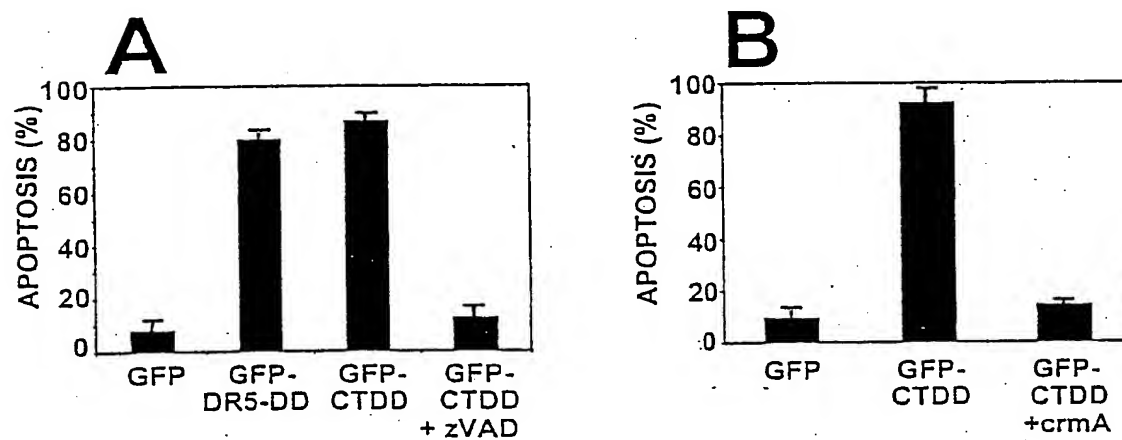


FIGURE 13

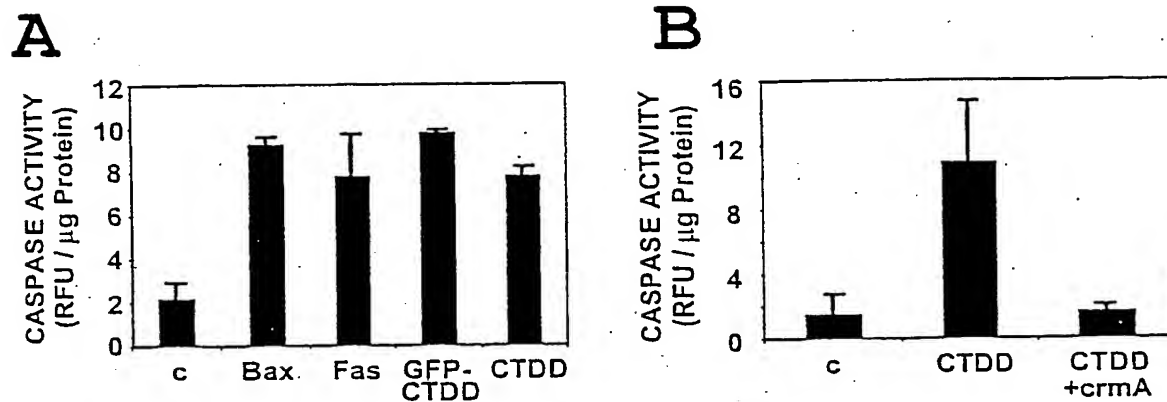


FIGURE 14

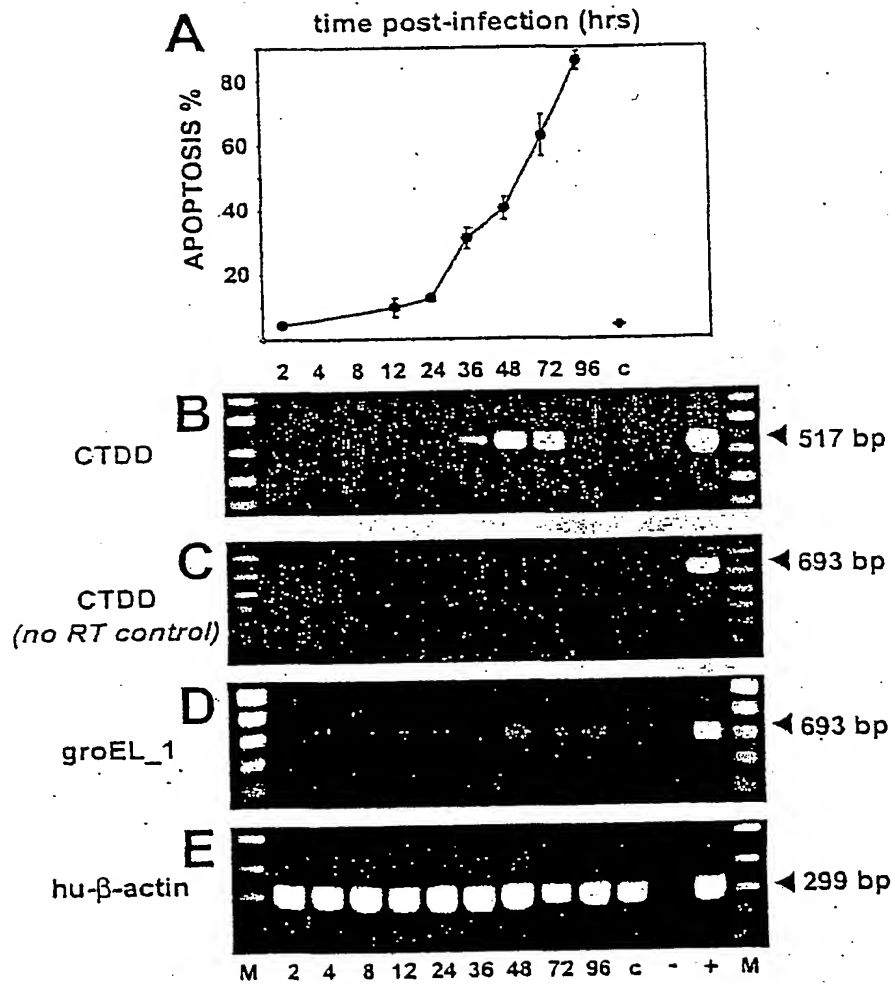


FIGURE 15